



PCB version pictured

- High current automotive or industrial relays
- Ideal for DC Motor Control and lamps, fans, winch & sunroof motors, vehicle alarms
- Sn Plated, copper terminals for high continuous DC current capacity
- Industry standard Maxi-ISO terminals
- PCB Versions available

ROHS
Compliant ✓

Contacts

Contact arrangement	SPST-NO (1 Form A)
Contact material	AgSnO ₂
Max. switching voltage	DC 75VDC - current dependent >24VDC Contact factory
Contact rating (resistive)	70A (14VDC), 20A (24VDC)
Max. switching current (inrush)	make 120A
Rated power	980W
Min. switching current	100mA / 6VDC
Initial contact resistance	≤30mΩ, max. at 0.1A/6VDC (IEC 61810-7 / 4.12)

Coil

Rated voltage	DC 6V, 12V, 24V
Operating range of supply voltage	See coil table 1
Rated power consumption	2.3W (2.5W with resistor)

Insulation

Insulation resistance	100MΩ at 500VDC, 50%RH, 25°C (IEC60255-5 / Item 7)
Dielectric strength	coil to contact 500Vrms / 1 min (IEC 60255-5 Item 6)
	contact to contact 500Vrms / 1 min (IEC 60255-5 Item 6)

General Data

Operating time	ms ≤7
Release time	ms ≤5
Electrical life	ops. 1 x 10 ⁵ (IEC61810-7 / Item 4.30)
Mechanical life	ops. 1 x 10 ⁷ (IEC61810-7 / Item 4.31)

Environmental

Environmental protection</

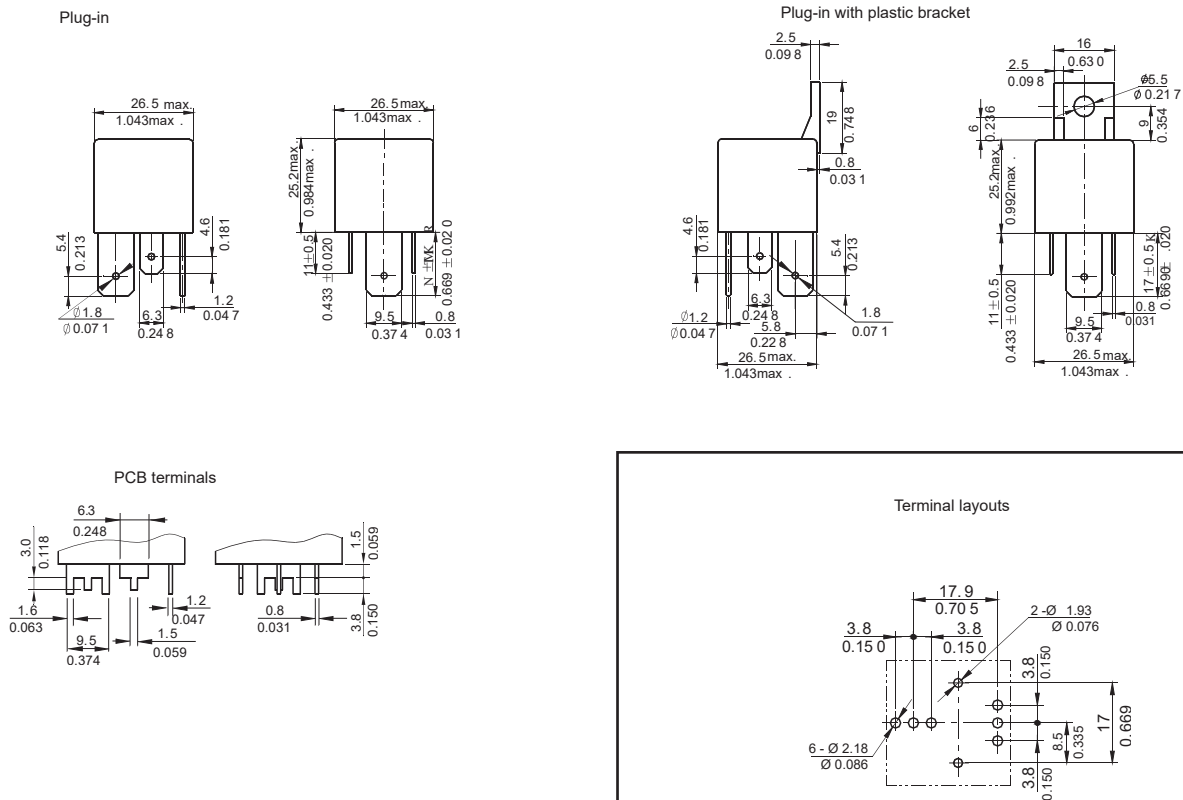
DC Coil Data

Table 1

Coil code	Nominal voltage (VDC)	Coil resistance (Ω) ± 10%	Must operate voltage max. (VDC)	Must release voltage min. (VDC)	Coil power consumption (W)	Parallel Resistor (Ω) ± 5% (when fitted)
1012	12.0	62.0	7.2	1.2	2.3	680.0
1024	24.0	250.0	14.4	2.4		2700.0

Dimensions mm

Fig. 1



(Dimensions in inches are shown for guidance only)

Connection diagrams

Fig. 2

